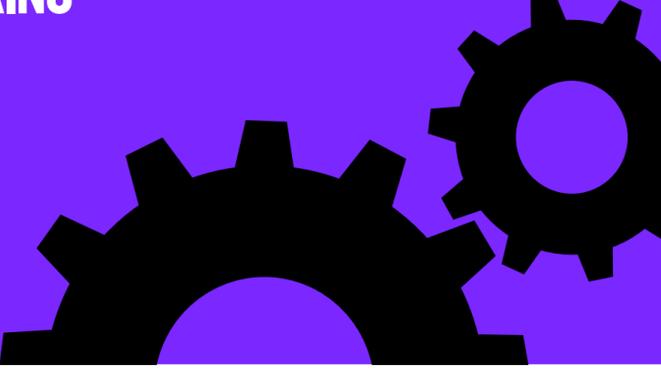# NetApp

KEEP YOUR PRODUCTION LINES MOVING. ACHIEVE MANUFACTURING DATA SOVEREIGNTY.

Ransomware attacks are shutting down manufacturing production lines for days or weeks—with average downtime losses reaching $1.9 million per day[1]. Cyber resilience and business continuity are now board-level mandates.

Every hour of downtime costs millions. Cyberattacks in manufacturing are surging—are you ready?

Manufacturers face relentless cyber threats that can bring operations to a standstill. Legacy security practices can't keep pace with today's software-driven production environments. 75% of manufacturers are exposed by critical vulnerabilities, and customers demand ironclad data privacy. The stakes have never been higher.

75%
of manufacturers have critical vulnerabilities—such as poor patch management, exposed credentials, or broken encryption

Source: Black Kite, 2025[2]

Security isn't just a state. It's a state of mind.

Responsible data handling is vital across the value chain—from partners to employees to end-customers. Yet, manual processes for classifying, managing, and controlling security policies slow progress. A holistic data governance approach that automates these processes, strengthens legal compliance, and transforms organizational culture—delivering robust protection for customer and internal data from creation to disposal.

65%
better data quality—organizations with mature governance programs are seeing the difference

Source: Gitnux, 2025[3]

You can't secure what you can't see.

Manufacturers are investing heavily in digitalization, but real-time data visibility and actionable intelligence remain critical challenges. Smart factories, industrial IoT, and global supply chains generate more data than ever—yet many still struggle to turn data into a competitive advantage.

Manufacturing accounted for **22%** of all ransomware attacks globally in 2024, making it one of the world's top targets for ransomware

Source: NetApp, 2024[4]

Governance

Confidently manage your data at scale. Automated governance gives you visibility and control. Know what data you have, where it is, and who can access it. Reduce risk, support compliance, and enable secure digital transformation.

Protection

Manufacturers face a rapidly changing regulatory landscape, with new data privacy and cybersecurity requirements emerging across regions. Compliance is now a continuous process. NetApp's automated governance and compliance solutions help manufacturers stay ahead of evolving standards like IEC 62443, ISO 27001, GDPR, and NIST, which protect data and support business continuity wherever you operate.

Compliance

Fully understand and control your risk and compliance posture across your environment. Use AI-driven algorithms to identify and categorize your data, then apply policies to report and recommend remediation according to modern compliance regulations—including IEC 62443, ISO 27001, GDPR, and other manufacturing standards.

Control

Gain unified oversight of your entire technology landscape. Monitor, troubleshoot, and optimize all resources and applications—across factories, data centers, and cloud environments. NetApp empowers you to maximize performance, reduce risk, and maintain data availability and control.

Trusted by leading manufacturers worldwide, NetApp empowers you to turn data into a strategic asset—protecting operations, reputation, and growth.

NetApp gives you direct control over your data, wherever it lives—on-premises or in the cloud. Meet IEC 62443, ISO 27001, GDPR, EU Data Act and NIST requirements, and prove to your customers that their data is safe.

Our built-in, AI-driven ransomware defense stops attacks before they halt your operations.

Quantum proof encryption and Zero Trust architecture deliver advanced protection for your data. NetApp is certified to the highest global standards, so you can focus on innovation—not compliance headaches.

To learn more about NetApp in manufacturing, visit **netapp.com/industries/manufacturing**.

Sources:
[1] https://www.manufacturing.net/cybersecurity/article/22933339/ransomware-attacks-costing-manufacturers-19mday-in-downtime
[2] https://content.blackkite.com/ebook/manufacturing-tprm-report-2025/
[3] https://gitnux.org/data-governance-statistics/
[4] Cyber resilience for manufacturers: Protect your operations | NetApp Blog

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